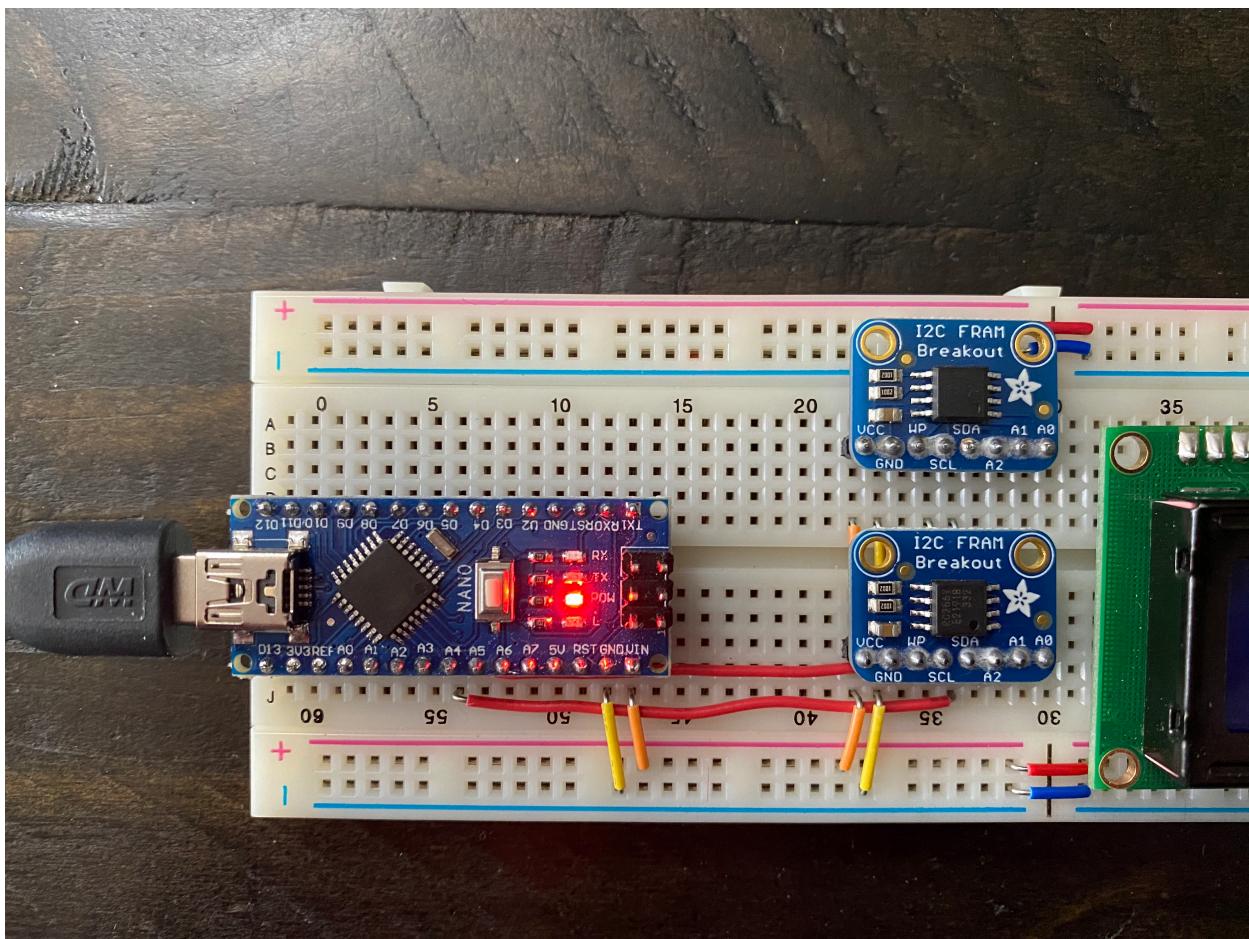


Default Setup: Both FRAMs have default address 0x50.



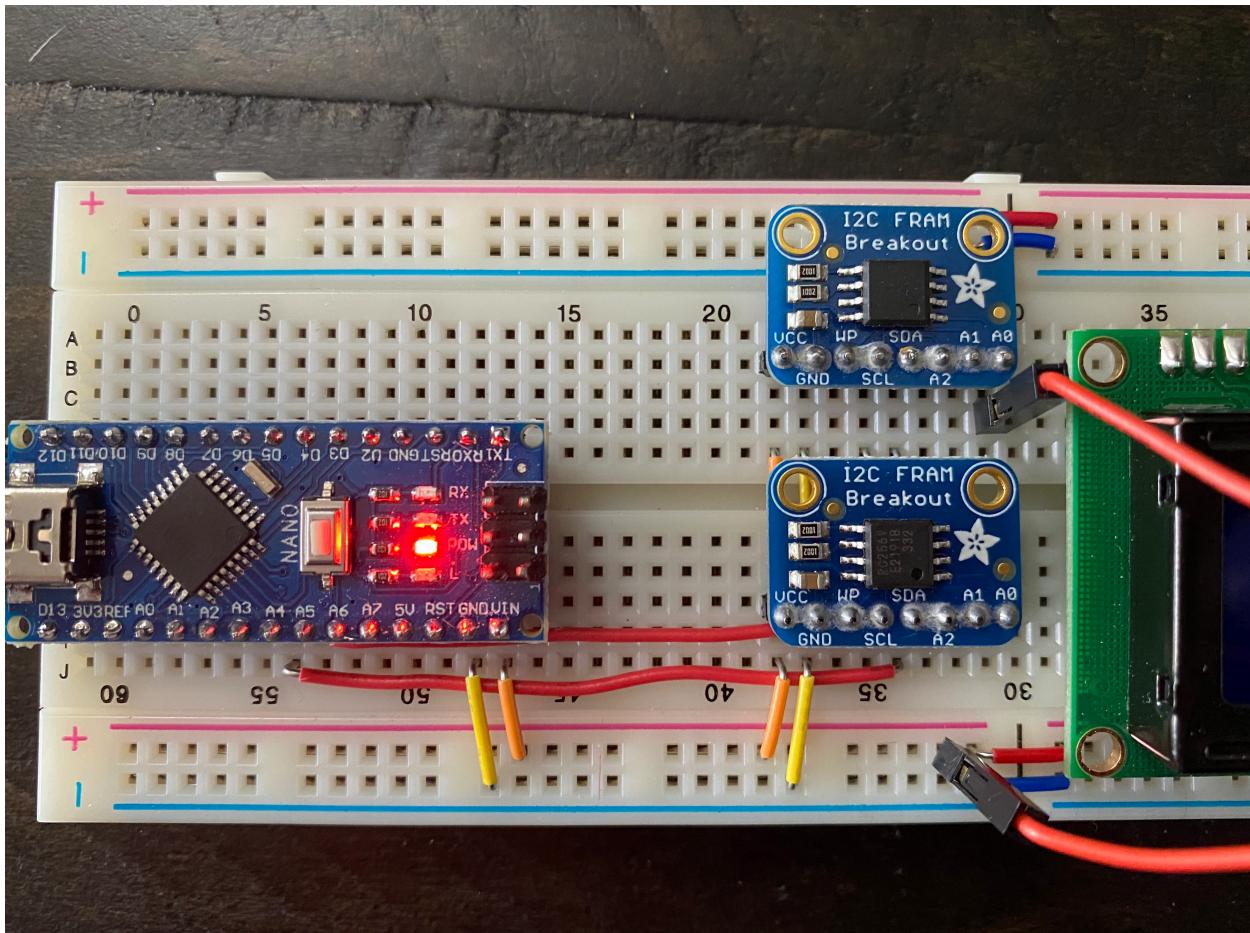
```
Scanning...
/dev/cu.wchusbserial14110
Send

I2C device discovered at address 0x50!
    Writing 16-bit number: 5000 to 0x50
    Writing String: The Quick Brown Fox to 0x50
    Writing second String: Jumps over the Lazy Dog! to 0x50
    Whole Message: The Quick Brown Fox Jumps over the Lazy Dog!
1 I2C devices found
...done

Reading 16-bit number: 5000
Reading String: The Quick Brown Fox
Reading String: Jumps over the Lazy Dog!

 Autoscroll  Show timestamp
No line ending 9600 baud Clear output
```

By connecting pin A0 on FRAM2 to power, it changes the address of FRAM2 to 0x51, but leaves FRAM1 at address 0x50.



```
Scanning...
I2C device discovered at address 0x50!
    Writing 16-bit number: 5000 to 0x50
    Writing String: The Quick Brown Fox to 0x50
    Writing second String: Jumps over the Lazy Dog! to 0x50
    Whole Message: The Quick Brown Fox Jumps over the Lazy Dog!
I2C device discovered at address 0x51!
    Writing 16-bit number: 5000 to 0x51
    Writing String: The Quick Brown Fox to 0x51
    Writing second String: Jumps over the Lazy Dog! to 0x51
    Whole Message: The Quick Brown Fox Jumps over the Lazy Dog!
2 I2C devices found
...done

Reading 16-bit number: 5000
Reading String: The Quick Brown Fox
Reading String: Jumps over the Lazy Dog!

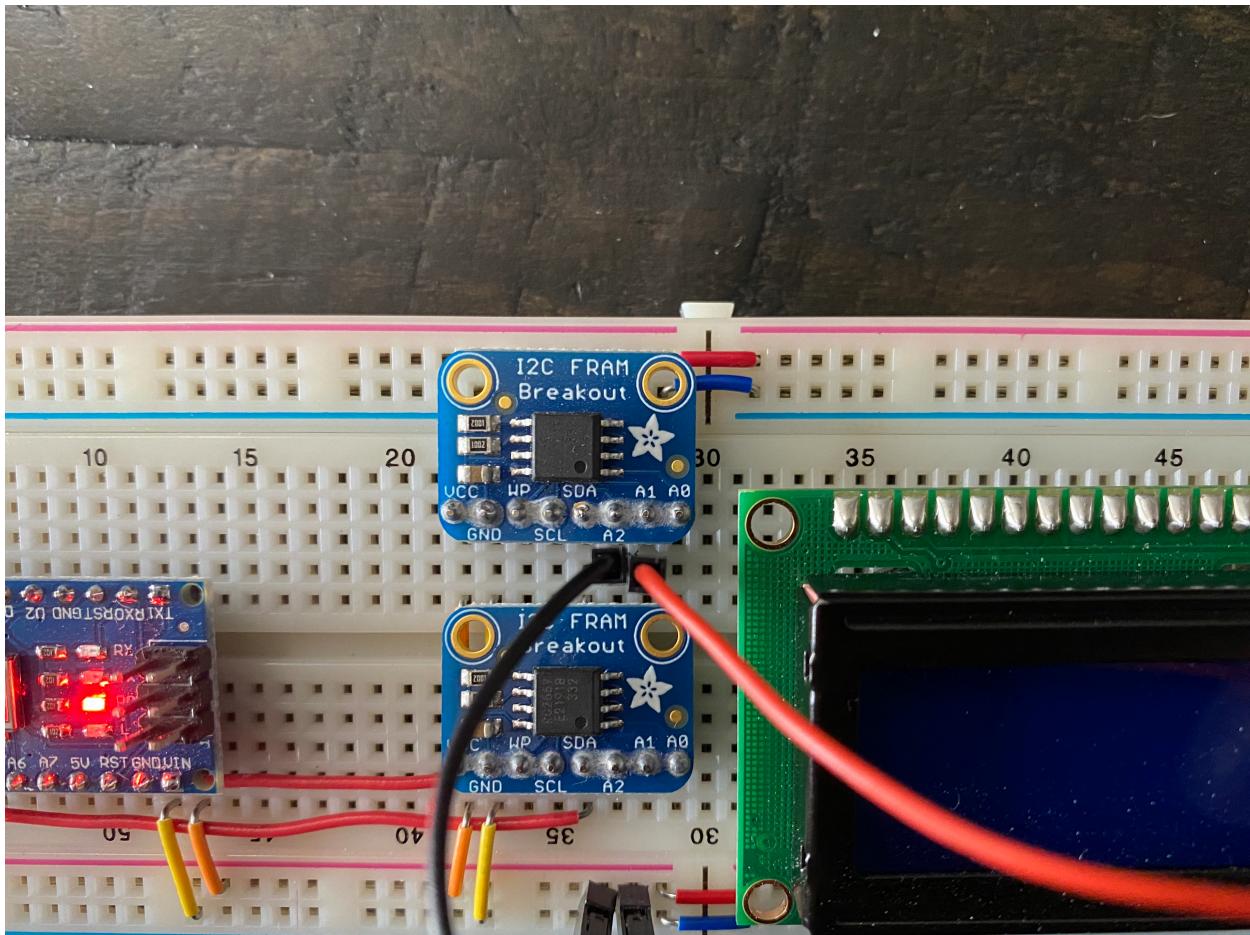
Reading 16-bit number: 5000
Reading String: The Quick Brown Fox
Reading String: Jumps over the Lazy Dog!

 Autoscroll  Show timestamp
No line ending 9600 baud Clear output
```

Connecting any combination of pins A0, A1, or A2 increments the address and allows up to 8 separate devices to be connected.

Address	A2	A1	A0
0x50	0	0	0
0x51	0	0	1
0x52	0	1	0
0x53	0	1	1
0x54	1	0	0
0x55	1	0	1
0x56	1	1	0
0x57	1	1	1

This example shows FRAM2 being set to address 0x56, or pins A2 and A1 being driven high.



```
/dev/cu.wchusbserial14110
Send

Scanning...
I2C device discovered at address 0x50!
    Writing 16-bit number: 5000 to 0x50
    Writing String: The Quick Brown Fox to 0x50
    Writing second String: Jumps over the Lazy Dog! to 0x50
    Whole Message: The Quick Brown Fox Jumps over the Lazy Dog!
I2C device discovered at address 0x56!
    Writing 16-bit number: 5000 to 0x56
    Writing String: The Quick Brown Fox to 0x56
    Writing second String: Jumps over the Lazy Dog! to 0x56
    Whole Message: The Quick Brown Fox Jumps over the Lazy Dog!
2 I2C devices found
...done

Reading 16-bit number: 5000
Reading String: The Quick Brown Fox
Reading String: Jumps over the Lazy Dog!

Reading 16-bit number: 5000
Reading String: The Quick Brown Fox
Reading String: Jumps over the Lazy Dog!

Autoscroll  Show timestamp  No line ending  9600 baud  Clear output
```